HQ Perspectives for Environmental Considerations in Planning

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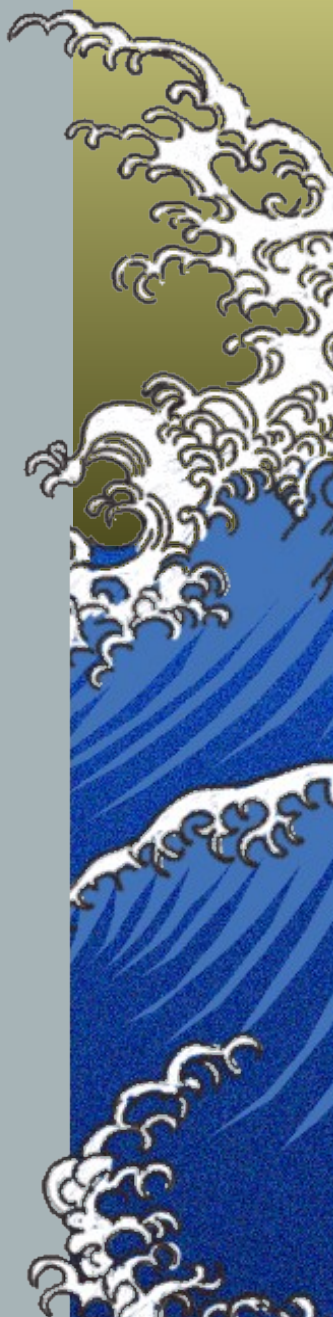
Office of Water Project Review

April 2012



Module

- Discussions on class areas of interest

- Army background
- Administration perspectives
- Restoration information sources and POCs
- Areas of policy development
- ASA decision document review
- HQ Review nuggets
- Q&As.

Army Approach

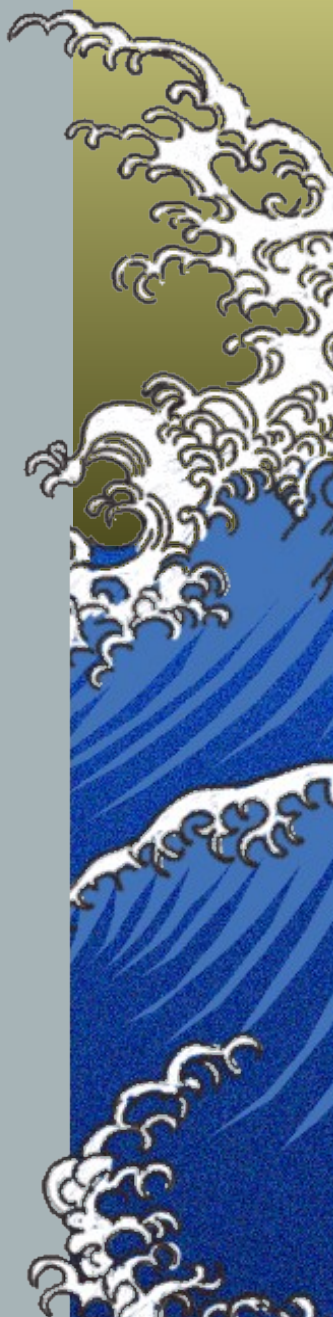
- Army Campaign Plan
- Army 2007 Posture Statement
- Army Values
  - Loyalty, Duty, Respect, Selfless Service, Honor, Integrity, Personal Courage
- Secretary of the Army Mr. John McHugh
- Chief of Staff General Martin E Dempsey
- ASA(CW) Jo-Ellen Darcy

- USACE Campaign Plan
- Civil Works Strategic Plan
- Briefings-Info and Decision-FM

Budget Information

- Budget Development (Rennie Sherman ER Business Line Manager)
  - Construction guidelines (Budget Appendix at pages 9xx)
  - Budget EC 11-2-212 (FY14 developing now)

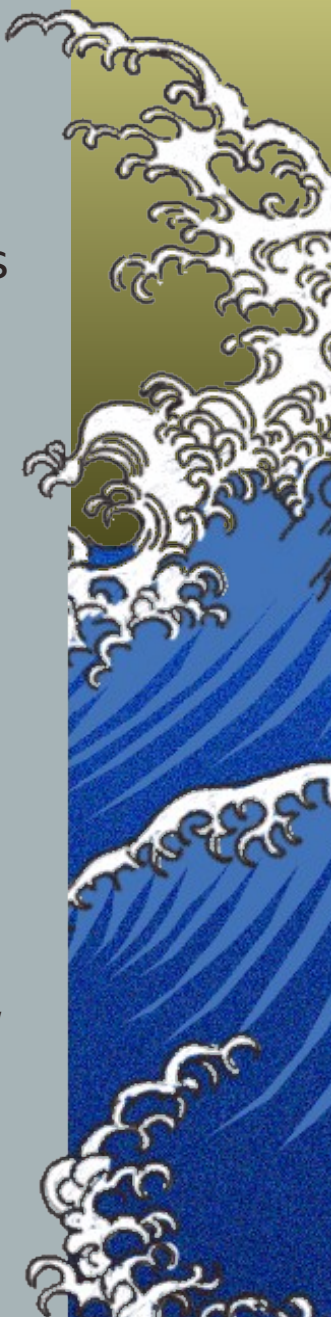
- President's Budget (Early February for FY+1)
- No Earmarks or adds-How to get things funded??
- CR Funding and execution issues
- Develop your project capabilities very carefully!



Current Items

- Chief of Engineers
  - LTG Thomas P. Bostick (nominee) 53rd Chief of Engineers
  - Acting Chief of Engineers MG Merdith “Bo” Temple
  - Deputy Commanding General for Civil Works and Emergency Operations – MG Michael Walsh
  - Director of Civil Works – Steve Stockton
  - PL COP Chief-Theodore A. “Tab” Brown, P.E.
  - CEQ Chief-Ms. Nancy Sutley

- WRDA 2007
  - Jan Rasgus – Implementation Guidance
  - 9 Titles / hundreds of sections
  - Veto overridden Nov 8, 2007
  - I.G. available online @ corpsplanning.us
  - App H redrafting-current and ongoing
  - Revised Principles and Requirements-PENDING (still, now on hold)



Policy Development

- EC 1165-2-219 Consideration of Sea Level Change in CW Projects
- No real climate change guidance yet but plenty of journal articles. Use for forecasting.
- A lot of talk now about risk assessment and risk factors in planning
- National Pilot program on CW pre-authorization transformation
- Planner’s Certification Program-Pilot done, 4 Districts, 2 large two small
- 8 Feb 2012 3X3X3 memo from MG Walsh
- 13 March 2012 Training capabilities memo
- Civil Works Transformation
- Planning Modernization

Engineering Expertise

- Geomorphology and hydrology
  - wetland
  - riverine and riparian (floodplains)
  - coastal restoration
- Sediment continuity
- Experience in planning, engineering, design, and construction.
- Cost engineering
- Don’t re-invent the wheel

Sediment Continuity

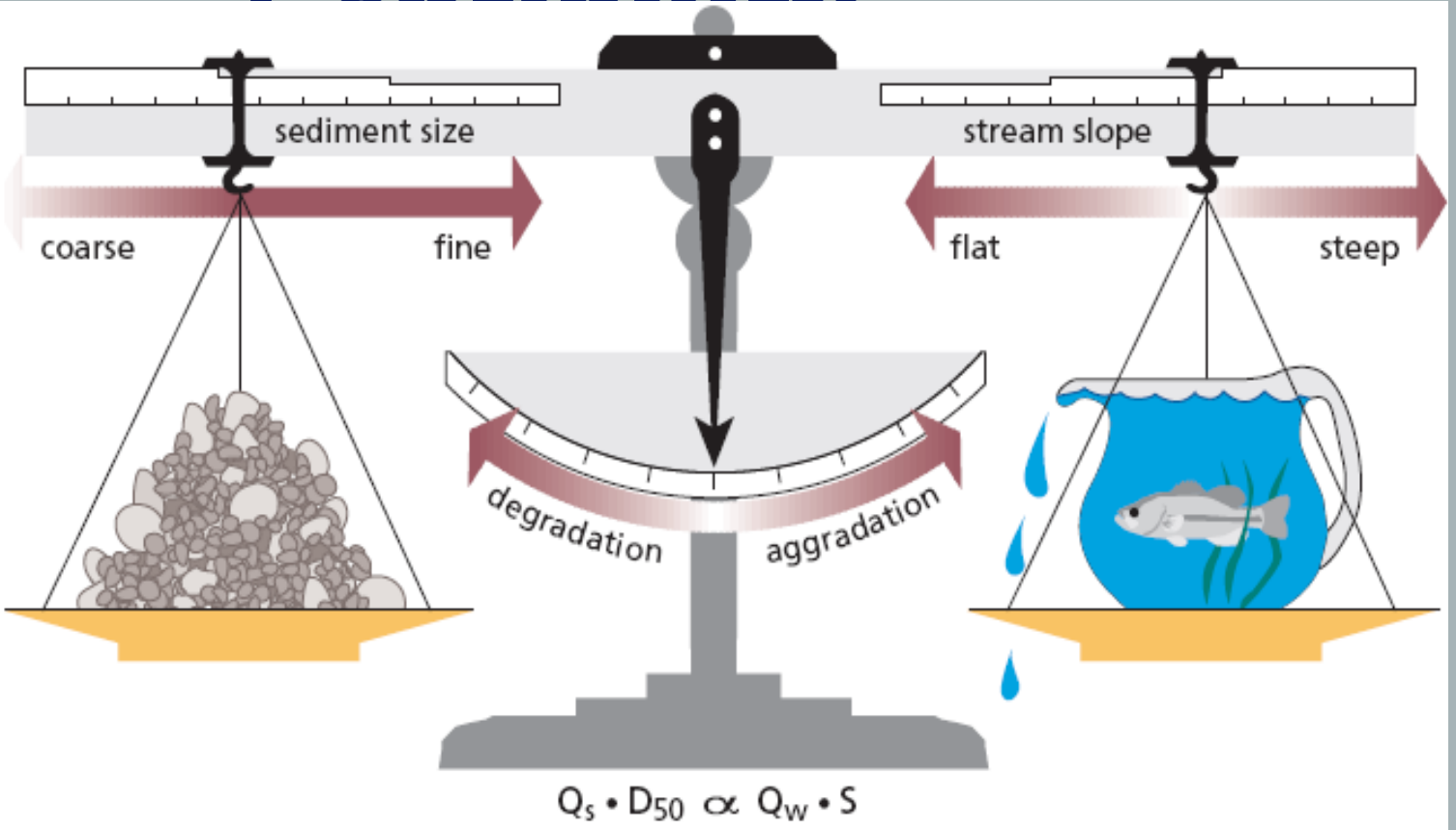


Figure 1.13: Factors affecting channel degradation and aggradation. *The "size" of the channel is determined by the stream's energy, the slope, and the flow of water in balance with the size and quantity of the sediment particles the stream moves.*

Source: Rosgen (1996), from Lane, ***Proceedings***, 1955. Published with the permission of American Society of Civil Engineers.

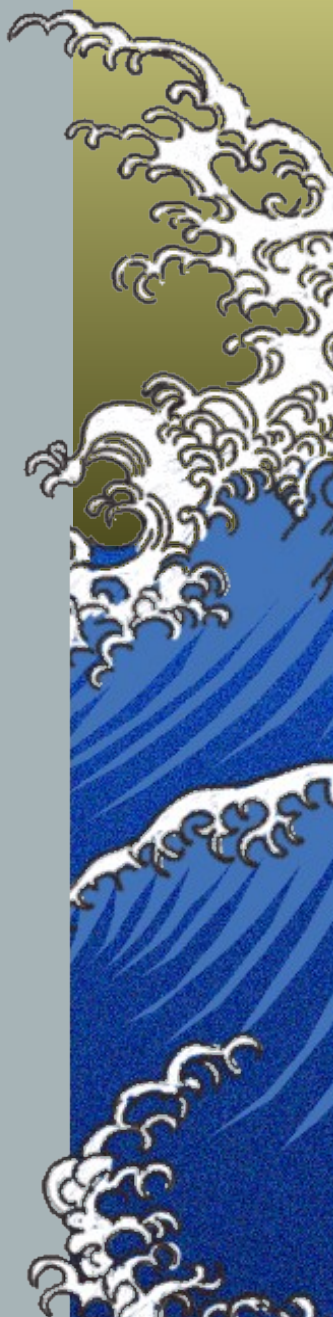
Sediment discharge * Mean Sediment Size = Stream flow * Slope

Information Sources

- Sources
  - Sponsor
  - Federal and state agencies
  - Non-profits
  - EMRIS – Planning CD
  - Stream Corridor Restoration Handbook (1998)
  - IWR manuals
  - Google Earth
  - Co-workers in natural resources, Regulatory, HTRW, etc
  - Document and support your data
  - Don’t re-invent the wheel
  - *Collaboration and the 3X3 concept “new paradigm”
  - Fast Planning

Planning tool/tricks

- *Conceptual models-diagram the linkages*
- *Use budget development tools as plan formulation "guidance" but NOT final answer*
- *Keep up on journal articles and R&D*

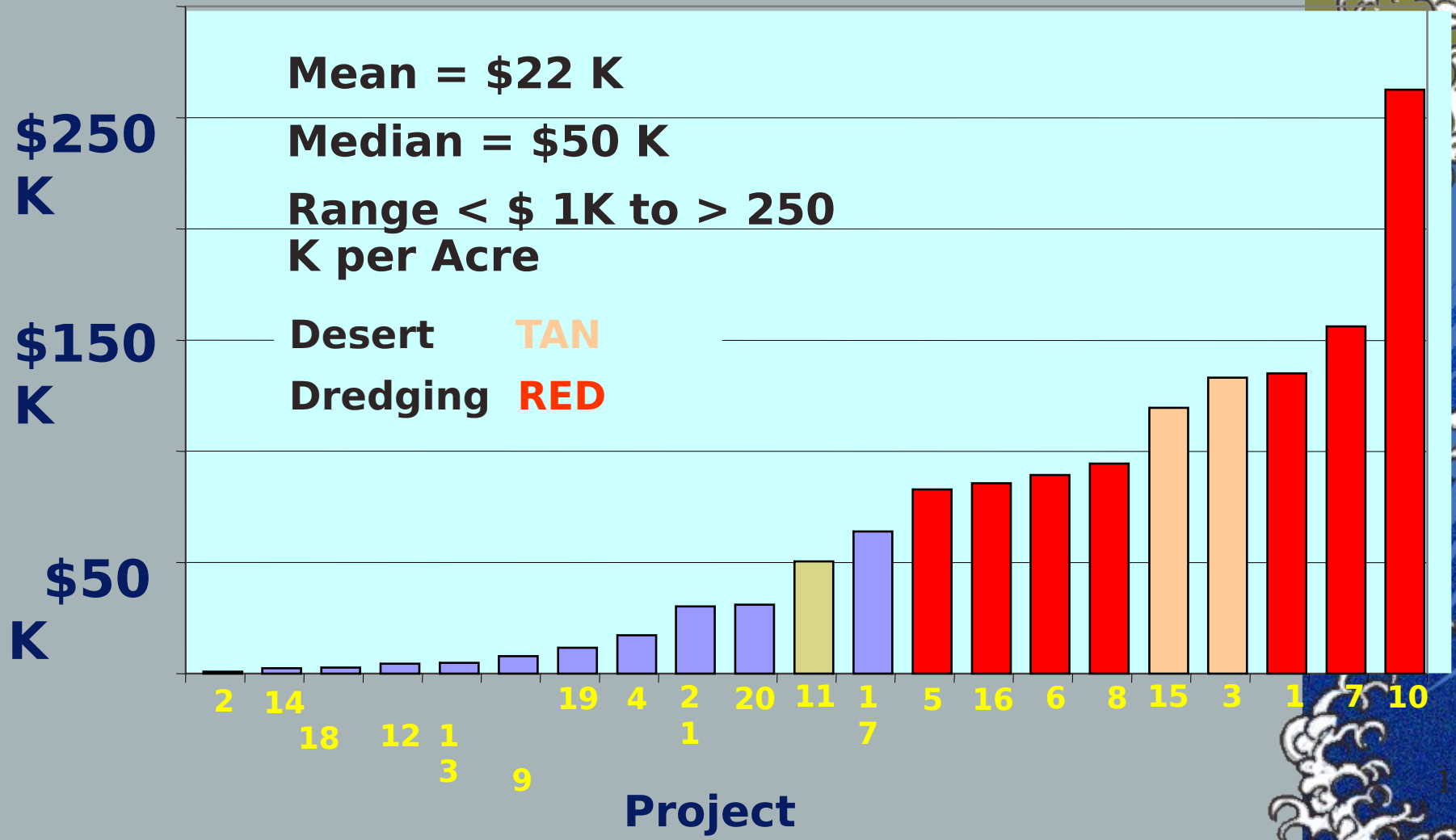


Points of Contact

- Sources
  - District and division staff, including your supervisor
  - RITs and Division Environmental Chiefs
  - Charles (Lee) Ware – OWPR Plan Form TL
  - Mark Matusiak – OWPR Env TL
  - Tom Hughes – OWPR Econ TL
  - Jeanette Gallihugh – OWPR
  - Jeff Trulick – OWPR
  - Debbie Scerno-OPWR
  - John Furry – PL COP Snr Env Advisor
  - Bruce Carlson – OWPR-Model Cert/IEPR
  - WOTS and DOTS Programs
  - Don’t re-invent the wheel

Where is the USACE AER Mission?

First Cost Per Acre
(21 projects - FY 02 dollars)


Mean = $22 K
Median = $50 K
Range < $ 1K to > 250 K per Acre
Desert TAN
Dredging RED
$250 K
$150 K
$50 K
2 14 18 12 13 9 19 4 21 20 11 17 5 16 6 8 15 3 1 7 10
Project

“A Job of Work”

“There is no writing, only rewriting."

More than simple proofreading. You should *always* spend a lot of time revising your work — looking not only for outright grammatical errors, but also hunting down wasted words, improving clarity and precision, and working on your transitions.[14]

Decision Document Review

- Reading is Fundamental
- Budget Time and Money for Review
- 2-D Reports
- 4-D Comments
- 3 Review Outputs
- Concur
- Document and Support All Assumptions, Present Consistent Data
- Maps, Tables, Figures

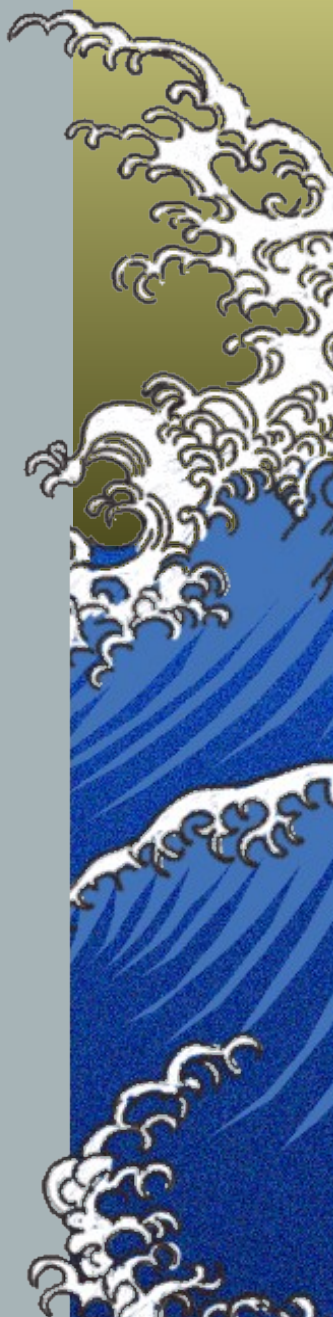
Your role/your career

SAJ - Kissimmee River

- Make a difference
- All the customers
- If not NED or NER, go with LPP
- Your personal style for survival
- Continual Learning
  - Five-Year Plan
  - TAPES
  - IDP / Training**
  - Reading List
  - It is up to you

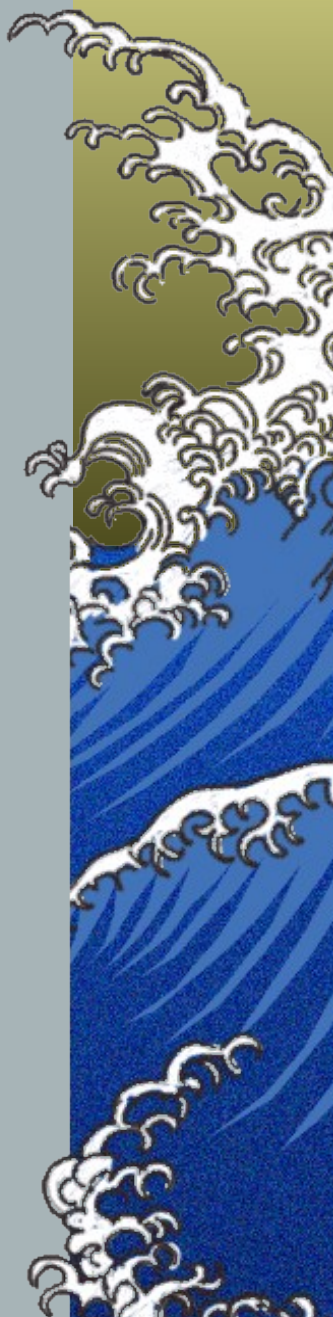
HQ Review Thoughts

- Unorganized or incomplete package submittals
- No status on IEPR, Model Review, ATR
- Poor or no Forecasting*
- Lack of significance documentation*
- Poor documentation of public involvement
- Section 408 Reports
- CE/ICA or mitigation planning wrong



HQ Review Thoughts

- Technical work done right, story told wrong
- Challenge HQ and MSC on guidance if needed
- Communicate with sponsor and agencies at District level



HQ Review Thoughts

- Vertical teaming saves time and money
- Read applicable guidance/PGN
- Know your RIT Planner and MSC POCs!
- Visit the PCX websites!
- PL Ahead Newsletter
- *www.corpsplanning.us*
- Facebook pages-HQ, MSCs, Districts
- Twitter